

Applicant : Virginia W. Cornish
Serial No.: 10/705,644
Filed : November 10, 2003
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In the Abstract

Please replace the Abstract starting on page 96 at line 3 with the following rewritten Abstract:

A method for identifying a protein as being able to bind a ligand comprising, providing a molecule composed of a methotrexate moiety that is covalently bonded to the ligand; introducing the molecule into a cell which a) expresses a first fusion protein comprising a dihydrofolate reductase capable of binding methotrexate, expresses b) a second fusion protein comprising the protein, wherein one of the first and second fusion proteins also comprises a transcription activator domain and the other comprises a DNA-binding domain, and c) has a reporter gene wherein expression of the reporter gene is conditioned on the proximity of the first fusion protein to the second fusion protein; permitting the molecule to bind to the first fusion protein and to the second fusion protein so as to activate the expression of the reporter gene; and selecting the cell if it expresses the reporter gene.